

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/975,063

DATE: 10/30/2001  
TIME: 15:36:47

Input Set : A:\500582.03 Seq List 101001.txt  
Output Set: N:\CRF3\10302001\I975063.raw

Does Not Comply  
Corrected Diskette Needed

## SEQUENCE LISTING

4 (1) GENERAL INFORMATION:  
 6 (i) APPLICANT: POWELL, Jerry S.  
 8 (ii) TITLE OF INVENTION: HUMAN ERYTHROPOIETIN GENE: HIGH LEVEL  
 9 EXPRESSION IN STABLY TRANSFECTED MAMMALIAN CELLS  
 11 (iii) NUMBER OF SEQUENCES: 6  
 13 (iv) CORRESPONDENCE ADDRESS:  
 14 (A) ADDRESSEE: Dorsey & Whitney, LLP  
 15 (B) STREET: Suite 3400, 1420 Fifth Avenue, U.S. Bank Centre  
 16 (C) CITY: Seattle  
 17 (D) STATE: Washington  
 18 (E) COUNTRY: USA  
 19 (F) ZIP: 98101  
 21 (v) COMPUTER READABLE FORM:  
 22 (A) MEDIUM TYPE: Floppy disk  
 23 (B) COMPUTER: IBM PC compatible  
 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 25 (D) SOFTWARE: WordPerfect 6/7/8  
 27 (vi) CURRENT APPLICATION DATA:  
 C--> 32 (A) APPLICATION NUMBER: US/09/975,063  
 C--> 33 (B) FILING DATE: 10-Oct-2001  
 35 (viii) ATTORNEY/AGENT INFORMATION:  
 36 (A) NAME: Roberts, Mark W.  
 37 (B) REGISTRATION NUMBER: 46,160  
 38 (C) REFERENCE/DOCKET NUMBER: 500582.03 (112893.109)  
 40 (ix) TELECOMMUNICATION INFORMATION:  
 41 (A) TELEPHONE: 206-903-8728  
 42 (B) TELEFAX: 206-903-8820

## ERRORED SEQUENCES

45 (2) INFORMATION FOR SEQ ID NO: 1:  
 47 (i) SEQUENCE CHARACTERISTICS:  
 48 (A) LENGTH: 2426 base pairs  
 49 (B) TYPE: nucleic acid  
 50 (C) STRANDEDNESS: single  
 51 (D) TOPOLOGY: linear  
 53 (ii) MOLECULE TYPE: DNA (genomic)  
 58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 E--> 60 CCCGGTGTGG TCACCCGGCG CGCCCCAGGT CGCTGAGGGA CCCCCGGCCAG  
 61 GCGCGGAGAT 60 *format error*  
 E--> 63 GGGGGTGCAC GGTGAGTACT CGCGGGCTGG GCGCTCCCGC CCGCCCCGGT  
 64 CCCTGTTGA 120  
 E--> 66 GCGGGGATTT AGCGCCCCGG CTATTGCCA GGAGGTGGCT GGGTTCAAGG  
 67 ACCGGCGACT 180  
 E--> 69 TGTCAAGGAC CCCGGAAGGG GGAGGGGGT GGGGCAGCCT CCACGTGCCA

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70 GCGGGGACTT 240  
 E--> 72 GGGGGAGTCC TTGGGGATGG CAAAAACCTG ACCTGTGAAG GGGACACAGT  
 73 TTGGGGGTTG 300  
 E--> 75 AGGGGAAGAA GGTTGGGGG GTTCTGCTGT GCCAGTGGAG AGGAAGCTGA  
 76 TAAGCTGATA 360  
 E--> 78 ACCTGGCGC TGGAGCCACC ACTTATCTGC CAGAGGGAA GCCTCTGTCA  
 79 CACCAGGATT 420  
 E--> 81 GAAGTTGGC CGGAGAAAGTG GATGCTGGTA GCCTGGGGT GGGGTGTGCA  
 82 CACGGCAGCA 480  
 E--> 84 GGATGAAATG AAGGCCAGGG AGGCAGCACC TGAGTGCTTG CATGGTTGGG  
 85 GACAGGAAGG 540  
 E--> 87 ACGAGCTGGG GCAGAGACGT GGGGATGAAG GAAGCTGTCC TTCCACAGCC  
 88 ACCCTTCTCC 600  
 E--> 90 CTCCCGCCT GACTCTCAGC CTGGCTATCT GTTCTAGAAT GTCCTGCCTG  
 91 GCTGTGGCTT 660  
 E--> 93 CTCCGTCCC TGCTGTCGCT CCCTCTGGC CTCCCAAGTCC TGGGCGCCCC  
 94 ACCACGCCCTC 720  
 E--> 96 ATCTGTGACA GCCGAGTCCT GCAGAGGTAC CTCTTGGAGG CCAAGAAGGC  
 97 CGAGAATATC 780  
 E--> 99 ACGGTGAGAC CCCTTCCCCA GCACATTCCA CAGAACTCAC GCTCAGGGCT  
 100 TCAGGGAACT 840  
 E--> 102 CCTCCCAGAT CCAGGAACCT GGCACATTGGT TTGGGGTGGGA GTTGGGAAGC  
 103 TAGACACTGC 900  
 E--> 105 CCCCCCTACAT AAGAATAAGT CTGGTGGCCC CAAACCATACTC 1080  
 106 GGCAAGGAGC 960  
 E--> 108 AAAGCCAGCA GATCCTACGC CTGTGGCCAG GGCCAGAGCC TTCAGGGACC  
 109 CTTGACTCCC 1020  
 E--> 111 CGGGCTGTGT GCATTCAGA CGGGCTGTGC TGAACACTGC AGCTTGAATG  
 112 AGAATATCAC 1080  
 E--> 114 TGTCCCAGAC ACCAAAGTTA ATTTCTATGC CTGGAAGAGG ATGGAGGTGA  
 115 GTTCCCTTTTT 1140  
 E--> 117 TTTTTTTTTT CCTTTCTTTT GGAGAATCTC ATTTGCGAGC CTGATTTGG  
 118 ATGAAAGGGA 1200  
 E--> 120 GAATGATCGA GGGAAAGGTA AAATGGAGCA GCAGAGATGA GGCTGCCTGG  
 121 GCGCAGAGGC 1260  
 E--> 123 TCACGTCTAT AATCCCAGGC TGAGATGGCC GAGATGGGAG AATTGCTTGA  
 124 GCCCCGGAGT 1320  
 E--> 126 TTCAGACCAA CCTAGGCAGC ATAGTGAGAT CCCCCATCTC TACAAACATT  
 127 TAAAAAAATT 1380  
 E--> 129 AGTCAGGTGA AGTGGTAGCAT GGTGGTAGTC CCAGATATTT GGAAGGCTGA  
 130 GGCGGGAGGA 1440  
 E--> 132 TCGCTGGAGC CCAGGAATTG GAGGCTGCAG TGAGCTGTGA TCACACCACT  
 133 GAACTCCAGC 1500  
 E--> 135 CTCAGTGACA GAGTGAGGCC CTGTCTAAA AAAGAAAAGA AAAAGAAAAA  
 136 ATAATGAGGG 1560  
 E--> 138 CTGTATGGAA TACGTTCAATT CATTCAAC TCACTCACTC ACTCATTCA  
 139 TCATTCAATT 1620  
 E--> 141 ATTCAACAAG TCTTATTGCA TACCTTCTGT TTGCTCAGCT TGGTGCTTGG  
 142 GGCTGCTGAG 1680

*same  
error*

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E--> 144 GGGCAGGAGG GAGAGGGTGA CATCCCTCAG CTGACTCCCA GAGTCCACTC  
145 CCTGTAGGTC 1740  
E--> 147 GGGCAGCAGG CCGTAGAAAGT CTGGCAGGGC CTGGCCCTGC TGTCGGAAGC  
148 TGTCCTGCGG 1800  
E--> 150 GGGCAGGCC TGTTGGTGAA CTCTTCCCAG CCGTGGGAGC CCCTGCAGCT  
151 GCATGTGGAT 1860  
E--> 153 AAAGCCGTCA GTGGCCTTCG CAGCCTCACC ACTCTGCTTC GGGCTCTGGG  
154 AGCCCAGGTG 1920  
E--> 156 AGTAGGAGCG GACACTTCG CTTGCCCTTT CTGTAAGAAG GGGAGAAAGGG  
157 TCTTGCTAAG 1980  
E--> 159 GAGTACAGGA ACTGTCCGTA TTCCCTCCCT TTCTGTGGCA CTGCAGCGAC  
160 CTCCCTGTTTC 2040  
E--> 162 CTCCCTGGCA GAAGGAAGCC ATCTCCCCTC CAGATGCCGC CTCAGCTGCT  
163 CCACTCCGAA 2100  
E--> 165 CAATCACTGC TGACACTTTC CGCAAACCTCT TCCGAGTCTA CTCCAATTTC  
166 CTCCGGGGAA 2160  
E--> 168 AGCTGAAGCT GTACACAGGG GAGGCCTGCA GGACAGGGGA CAGATGACCA  
169 GGTGTGTCCA 2220  
E--> 171 CCTGGGCATA TCCACCACCT CCCTCACCAA CATTGCTTGT GCCACACCCCT  
172 CCCCCGCCAC 2280  
E--> 174 TCCCTGAACCC CGTCGAGGGG CTCTCAGCTC AGCGCCAGCC TGTCCCATGG  
175 ACACTCCAGT 2340  
E--> 177 GCCACCAATG ACATCTCAGG GGCCAGAGGA ACTGTCCAGA GAGCAACTCT  
178 GAGATCTAAG 2400  
180 GATGTCACAG GGCCAACTTG AGGGCC

2426

*Dane*

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/09/975,063

DATE: 10/30/2001  
TIME: 15:36:48

Input Set : A:\500582.03 Seq List 101001.txt  
Output Set: N:\CRF3\10302001\I975063.raw

L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:60 M:254 E: No. of Bases conflict, Input:0 Counted:50 SEQ:1  
M:254 Repeated in SeqNo=1  
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2